

Notice of Allowability

Application No.

10/602,348

Examiner

Andrew C. Lee

Applicant(s)

KADA ET AL.

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/6/2007.
2. ☒ The allowed claim(s) is/are 29,24-26,30-53 renumbered 1- 28 respectively.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Allowable Subject Matter

1. Claims 29, 24 – 26, 30 – 53 renumbered 1 – 28 are allowed over prior art.

The following is an examiner's statement of reasons for allowance:

The prior art made of record, in single or in combination, fails to disclose explicitly "wherein said requesting generating unit generates, in response to said execution request, setting data for the continuity test processing including at least generating data necessary to generate fixed length data for said continuity test and confirming data necessary to confirm contents of fixed length data for the continuity test received from another fixed length data processing apparatus; and wherein said continuity test processing unit comprises:

- an interface unit for receiving said setting data from said request generating unit;
- a setting data holding unit for holding said setting data received by said interface unit;

- a continuity testing data generating process unit for generating fixed length data for the continuity test on the basis of said generating data in said setting data holding unit when receiving said execution request from said request generating unit, and transmitting said fixed length data to said another fixed length data processing apparatus;

- a confirming process unit for confirming at least whether fixed length data for said continuity test is loopback data that is fixed length data having been generated in said continuity testing data generating process unit requesting to be looped back,

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looped back by said another fixed length data processing apparatus and received, or loopback requesting data having been generated in said another fixed length data processing apparatus requesting to be looped back, on the basis of said confirming data in said setting data holding unit when receiving said fixed length data for a continuity test from said another fixed length data processing apparatus;

a notifying process unit for notifying said request generating unit via said interface unit that said continuity state is normal as a result of said continuity test processing when said confirm processing unit confirms that the received fixed length data for a continuity test is said loopback data; and

a loopback processing unit for performing a loopback processing to loop back said fixed length data for a continuity test to another fixed length data processing apparatus as loopback data when said confirming processing unit confirms that said received fixed length data for a continuity test is said loopback requesting data."

2. Additionally, all of the further limitations in claims 24 – 26, 30 – 53 renumbered 2 – 28 are allowable since the claims are dependent upon the independent claim 29 renumbered 1.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Park et al. (5872770) disclose a received ATM layer OAM cell processing apparatus for processing in real time a fault management cell among ATM layer OAM cells of F4/F5 levels applied to a user network interface and a network node interface and performing CRC-10 and CRC-32 operations with respect to the other ATM layer OAM cells such as activation/deactivation cells, a resource management cell, a system management cell and a meta signaling cell, not processed in real time.
- Christie et al. (5920562) disclose a system and method provide enhanced services for a call that is transported from a communication device through an asynchronous transfer mode system.
- Wiley et al. (6137800) disclose a system and method connects a call in a broadband system using the asynchronous transfer mode protocol for switching.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew C. Lee whose telephone number is (571) 272-3131. The examiner can normally be reached on Monday through Friday from 8:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edan D. Orgad can be reached on (571) 272-7884. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Andrew C. Lee/::<8/21/2007>

EDAN D. ORGAD
SUPERVISORY PATENT EXAMINER

Edan Orgad 8/29/07